

DACO FIRE EQUIPMENT

201 AVENUE R • P.O. BOX 5006 • LUBBOCK, TEXAS 79408 • PHONE 806-763-0808 • FAX 806-763-9151

Quotation

Quotation

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TO: LINN-SAN
MANUAL
DATE: 3-1-11
PHONE: 956-227-4040

ATTENTION: FIRE CHIEF
SUBJECT: SKID UNIT AS
FAX:

We are pleased to quote you the following, in response to your inquiry of:

One DACO BUILT 800 GALLON SKID UNIT AS PER ATTACHED SPECIFICATIONS.

TOTAL PRICE\$24,075.00

Shipment is scheduled for 120 DAYS

after receipt of your order.

TERMS: NET DELIVERY

F.O.B. LINN SAN-MANUAL FD

We appreciate this opportunity to quote you and thank you for your inquiry.

Cordially yours,
DACO
STEVE DAVIS



DACO FIRE EQUIPMENT

Custom 800 GALLON SKID



Grass Truck Specifications

For Fire Chief
MINGO HIMOSOSH
LINN-SAN MANUEL

Presented by:
STEVE DAVIS
DACO FIRE EQUIPMENT
201 AVE R
LUBBOCK, TEXAS 79408

March 2, 2011

800 GALLON SKID UNIT.

One (1) **DECK LIGHTING PUMP AREA**
There shall be a light installed at the pump area. The switch for the light shall be installed on the pump panel. Light will be incandescent for better illumination at night.

One (1) **800 GALLON WATER TANK**
The booster tank shall be rectangular in configuration and shall have a capacity of 800gallons. All tank sides, top and bottom, shall be constructed of 1/2" black UV stabilized copolymer polypropylene.

The tank shall be constructed utilizing latest thermo plastic welding technology. A clean, hot air controlled temperature process shall ensure that the weld reaches its plasticized state without cold or hot spots.

The tank shall undergo extensive testing prior to installation in the truck. The process shall include an electronic spark and water fill test after both the internal and external tank shell welds are completed.

The tank shall have a combination vent and manual fill tower. The tower shall be located in the left front corner of the tank. The tower shall have a hinged cover and 1/4" thick polypropylene screen.

There shall be two (2) standard tank openings; one for the tank to pump suction line with an anti-swirl plate and one for a tank fill line.

Baffles, both longitudinal and latitudinal shall be interlocking and thermo welded to minimize water surge during travel, enhancing road-handling stability.

One (1) **POLY PUMP PLATFORM**
PUMP PLATFORM

On the rear of the tank shall be a 30" deep x 46" wide poly pump mount area. A gusset shall be furnished on each side from the tank to the pump mount area for support.

Two (2) **HOSE TRAY WELDED TO TOP OF TANK-SKID:**
One tray for 1.5" pre-connect
One tray for 2.5 x 8' hard suction hose.

One (1) **HALE HPX200-B23**
HALE PUMP

The pump shall be a Hale Model HPX200-B23 Portable Pump

Performance

The pump/engine shall perform to the standards of ISO 9 and NFPA 1906 low pressure pump rating. Typical pump performance from 5 foot draft at sea level shall be: 85 GPM @ 150 PSI, 160GPM @ 100 PSI, and 245 GPM @ 25 PSI.

Pump

The pump body shall be made of alloy aluminum castings coupled together with a stainless steel band clamp with an O-ring seal which allows quick pump volute removal for servicing. The pump end shall be factory hydrostatically tested to 250 PSI. The impeller shall be bronze. The renewable clearance rings shall be made of bronze to inhibit corrosion. The impeller shall be 8.75 inches in diameter and designed with a sleeve back end to prevent water from coming in contact with the engine shaft. The pump shaft seal shall be an automatically adjusting, maintenance free, mechanical type. The pump body shall be equipped with a petcock drain valve.

Priming

The pump shall be equipped with an exhaust venture primer of brass and stainless steel construction. The primer shall be capable of 15 to 20 inches of mercury vacuum. The primer shall be actuated with a spring return, single control lever located at the operator's panel. The primer to pump line shall be equipped with an automatic check valve for priming from an open body of water and a manual shut-off for pumping from a pressurized water source.

Suction/Discharge

The suction and discharge ports shall be female pipe thread, designed and located to accept applicable hose thread adapters.

Engine

The engine shall be a 4-cycle gasoline Briggs and Stratton Vanguard series 386000 Series V Twin, overhead valve, air cooled design. Engine rating shall be 23 BHP at 3600 RPM with a torque of 32.75 lb-ft at 2600 rpm. Engine displacement shall be 627cc and shall be designed to meet current CARB (California Air Resources Board) and EPA (Environmental Protection Agency) standards. A 12-volt electric system shall be provided with electric starter and a 16 amp alternator. Recoil backup engine starting shall be provided. Engine shall be equipped with a residential muffler with USDA approved spark arrestor.

Mounting Platform

The pump/engine shall be isolation mounted onto a steel base plate.

Instrumentation

The pump shall be supplied with a remote mounted control panel. This panel shall include a throttle lever, primer pull cable, master switch, push-on starter button, pull cable engine choke control, a 2.5 inch liquid filled discharge gauge and an oil pressure warning light.

Pump will have the ability to draft from 12 vertical feet.

One (1)

2.5" TANK TO PUMP PLUMBING
TANK TO PUMP

All plumbing shall be stainless steel schedule 40 pipe. A 2.5" quarter turn ball valve shall be installed at the tank with a victaulic fitting. There shall be a rubber hump style hose installed between the pump intake and 2.5" piping. There shall be custom fabricated aluminum brackets installed to support the plumbing. All pipe plumbing shall be welded to eliminate the need for fittings.

One (1)

2.5" SUCTION INLET
GATED SUCTION INLET

A 2.5" quarter turn ball valve shall be installed on the intake plumbing. There shall be a 2.5" chrome swivel inlet installed on the valve. A 2.5" male plug with chain shall be installed in the inlet.

Two (2)

1.5" REAR DISCHARGE
1-1/2" DISCHARGE

One discharge to the rear, one discharge for pre-connect top of tank.

A 1.5" NST rear discharge valve will be mounted on the manifold. The valve shall be a brass water valve. There shall be a 1.5" cap and chain installed on the valve.

One (1)

2.5" REAR DISCHARGE
2-1/2" DISCHARGE

A 2.5" NST rear discharge valve will be mounted on the manifold. The valve shall be a brass water valve. There shall be a 2.5" cap and chain installed on the valve.

One (1)

1" TANK FILL

A 1" tank fill valve shall be installed on the manifold. The tank fill shall be plumbed to the tank with 800 psi hose. The fittings on the hose shall be JIC type fittings.

One (1)

BOOSTER HOSE REEL 150' CAPACITY
HOSE REEL

A Hannay Model EF20-30-31 electric rewind booster reel shall be installed on the rear passenger side corner of the bed. The reel shall be constructed utilizing an all welded base. Reel bushings shall be manufactured from Nylatron to insure maintenance free operation. A 12-volt electrical motor shall be provided and will rewind the reel with a chain and sprocket drive mechanism. The reel shall have a capacity of 150 of 1" booster hose. A fully shielded rewind switch shall be provided on the body on the same side as the reel. Electrical switch connections shall be coated to protect against moisture. Chrome finish rollers and guides with nylon bushings shall be provided on the reel. Plumbing to the reel shall be a 1" flexible 800 psi hose with the discharge valve located at the operators control panel area.

One (1) **BOOSTER HOSE LIGHT WEIGHT 150'
LIGHTWEIGHT BOOSTER HOSE**

One (1) length of 1" x 150 ft. Boostlite lightweight hose shall be installed on the hose reel. The yellow lightweight hose shall have 1" NST aluminum couplings.

One (1) **TOP SIDE COMPARTMENT 36" W X 30"H X 19"D
COMPARTMENT shipped loose. Customer to mount on body.**

Aluminum compartment(s) shall be installed on the top side of the apparatus deck. The compartment shall be 36" W X 30" T X 19" D. There shall be (1) double pan lift up door within the 36" wide compartment. There shall be compartment lighting installed to come on when the door is open. "T" handle latches shall be installed in the doors.

One (1) **WARRANTY
WARRANTY**

We warrant each new motorized fire apparatus manufactured by Daco Fire EQUIPMENT, for a period of ONE YEAR from the date of delivery, except for chassis and other components noted herein.

Under this warranty we agree to furnish any parts to replace those that have failed due to defective material or workmanship where there is no indication of abuse, neglect, unusual or other than normal service providing that such parts are, at the option of DACO FIRE EQUIPMENT, made available for our inspection at our request, returned to our factory or other location designated by us with transportation prepaid within thirty days after the date of failure or within one year from the date of delivery of the apparatus to the original purchaser, whichever occurs first, and inspection indicates the failure was attributed to defective material or workmanship.

The warranty on the chassis and chassis supplied components, storage batteries, generators, electrical lamps and other devices subject to deterioration is limited to the warranty of the manufacturer thereof and adjustments for the same are to be made directly with the manufacturer by the customer.

This warranty will not apply to any fire apparatus that has been repaired or altered outside our factory in any way, which in our opinion might affect its stability or reliability.

This warranty shall not apply to those items that are usually considered normal maintenance and upkeep services: including, but not limited to, normal lubrication or proper adjustment of minor auxiliary pumps or reels.

This warranty is in lieu of all other warranties, expressed or implied, and all other obligations or liabilities on our part. We neither assume nor authorize any person to assume for us any liability in connection with the sales of our apparatus unless made in writing by Daco Fire Equipment.

DACO STAINLESS STEEL PLUMBING WARRANTY

Subject to the provisions, limitations and conditions set forth in this warranty, Daco Fire Equipment inc. (hereby referred to as "seller"), hereby warrants to each original purchaser only that stainless steel plumbing components and ancillary brass fittings used in the construction of the water/foam plumbing system shall be warranted for a period of ten (10) years. This covers structural failures caused by defective design or workmanship, or perforation caused by corrosion, provided the apparatus is used in a normal and reasonable manner. This warranty is extended only to the original purchaser for a period of ten years from the date of the delivery and shall terminate upon the transfer of possession or ownership by original purchaser.

This warranty is conditioned upon normal use and reasonable maintenance of such plumbing; prompt written notice of all defects to seller or one of the seller's then authorized dealers in the area; no repair or additions there to except by seller or authorized by it; said defect not resulting from misuse, negligence, accident, remount, overloading beyond applicable weight rating by customer or third parties. If any such conditions are not complied with, this warranty shall become void and unenforceable.

Should repairs become necessary under the terms of the warranty, the extent of that repair shall be determined solely by the seller and shall be performed solely at Daco Fire Equipment inc. or a repair facility designated by the seller. The expense of any transportation to or from such repair facility shall be that of the purchaser and is not an item covered by this warranty.

Seller reserves the unrestricted right at any time from time to time to make changes in the design of and/or improvements on its products without thereby imposing any obligation on itself to make corresponding changes or improvements in or on its products theretofore manufactured.

EXCLUSIONS AND LIMITATIONS: THIS MANUFACTURER'S WARRANTY IS PROVIDED IN PLACE OF ANY AND ALL OTHER REPRESENTATIONS OR IMPLIED WARRANTIES. NO PERSON IS AUTHORIZED TO MAKE ANY REPRESENTATIONS OR WARRANTY ON BEHALF OF DACO FIRE EQUIPMENT INC. OR ANY OF ITS DISTRIBUTORS OTHER THAN SET FORTH IN THIS MANUFACTURER'S WARRANTY. YOUR RIGHT TO SERVICE AND REPLACEMENT OF PARTS ON THE TERMS EXPRESSLY SET FORTH HERIN ARE YOUR EXCLUSIVE REMEDIES AND NEITHER THE MANUFACTURER NOR ANY OF ITS DISTRIBUTORS SHALL BE LIABLE FOR DAMAGES, WHETHER ORDINARY, INCIDENTAL OR CONSEQUENTIAL.

BOOSTER TANK

Custom Composites LLC, herein referred to as the Seller, warrants that tanks manufactured by Seller will be free from defects in materials and workmanship for a period of time equal to the service life of the original vehicle on which tank was installed. Original vehicle must be in active fire suppression for warranty to be in full effect.

Notification should be made to Seller by calling toll free 1-877-912-6297 as soon as defect is discovered so that repair procedure can be carried out quickly. Please include photographs, documentation, serial numbers, contact number and name, and any other pertinent information.

Seller's obligation under this warranty is solely limited to repairing and or



replacing, at Seller's discretion, F.O.B. manufacturing plant, tanks manufactured by Seller found to be defective. Seller is not liable for incidental or consequential damage including loss of profit, or any other type of damage which may be caused in whole or part by any failure, defect or other problem of the tanks manufactured by Seller. Alteration made to tanks without approval will void warranty.

This warranty does not apply to tanks damaged by misuse, neglect, accident or improper installation. User will be responsible for cost to repair tank found to be not caused by defect. Reasonable costs to remove and or reinstall defective product must be agreed upon by both parties prior to beginning repair and will be paid by Seller. Seller makes no other warranties expressed or implied.

PUMP WARRANTY

Hale Products, Inc., herein referred to as "Hale", warrants products of its manufacture to be free from defects in material and workmanship, under normal use and service, for a period of two years or 2000 hours of usage, whichever comes first. Products used for rental or contracting purposes are warranted for a period of six months or 2000 hours of usage, whichever comes first. This limited warranty is effective only if the equipment or apparatus is used as directed, is not subjected to misuse, negligence or accident, and is not altered, treated or repaired by someone other than Hale or its designee. Items not manufactured by Hale shall bear only the limited warranties offered by their respective manufacturers.

The exclusive remedy for breach of this warranty shall be to give Hale written notice thereof and to request a Returned Goods Authorization. Upon receipt of the Returned Goods Authorization, the buyer will return the non-conforming material to Hale F.O.B. Its plant within thirty days after the buyer has received the Returned Goods Authorization. Thereupon Hale at its own election shall repair or replace the same or repay the price thereof. No proximate, incidental, consequential or other damages shall be recoverable.

Hale shall not be liable for consequential damages or contingent liabilities including; but not limited to, loss of life, personal injury, loss of crops, loss due to fire or water property damage, and consequential trade or other commercial loss arising out of the failure of Manufacturer's product.

HALE MAKES NO WARRANTIES OF FREEDOM FROM PATENT INFRINGEMENT, OF MERCHANTABILITY, OF FITNESS FOR A PARTICULAR PURPOSE OR ARISING FROM A COURSE OF DEALING OR USAGE OF TRADE OR OTHER LIKE OR DIFFERENT EXPRESS OR IMPLIED WARRANTIES EXCEPT AS MADE ABOVE.

One (1) **DELIVERY customer door.**

TOTAL PRICE.....\$24,075.00